FIGURE 1

60 120 120 240 360 360 420 480 540 660 720 720 720 1020 1140 1260 1260	
1 AGCTCCAGCCTAGGCGTTCTACCTGGAAGATGCAGGGGCCCAGTACCTAGGACTGAGGACTGAGGACTGAGGACTGAGGACTGAGGACTGTGGCAGGAGCGTAGGGGCTGTGGCAGGAGCTTAGGGCTGTGGCAGAGCTTGGCAGAGCCTAGGACTTTGGCCTCTAATTTGCCTTCTGCTTGGGCATGGTGGCGCAATGGGCTGTGTTGGCTTTTGGCTTGCTT	-
122 122 122 122 123 123 123 123 123 123	$1\overline{2}$

FIGURE

2/19

20 40 40 60 60 1100 120 120 220 220 220 220 330 330 330 340

H A H A A K C A C R K R R L A F B C E D A R L K A G C A G A D I C L L A E L A >>UF>IZIO44IFOFKDD **GPHHHCMP4CHCHCP** O KHY S L Y G P S P P C X C H G G NGHSPHRCLPPHPCOSZC LAMALLGALPSMA<0000 マ d H L H A A A A A L L fi L o C G D B E H A F A J U D M R E U S R E D S GONKANGLALAREGES OLZOFORAHAHHAYDKOKO TIALINKILIKOFIALA OH O O D A C L L A C L A NO CETS NEW CKCHED CG L L OKUKIHAYCOKKHOIKKO ての兄弟のなんはよりではこれでっぱって HALYZYLA PA HACYKZ LHU

ϵ FIGURE

60 120 120 180 240 360 420 480 480 660 660 720 720 1020 1140 11300 1380
CACTICAGGATIGACTITTGGCTCCTICCTTCTTCCATCTCCCACGAGCTTTCCAGCACCAGGCCCCAGGCCCCAGGCTCCAGGCCCCAGGCTCCCAGGCTCCCAGGCTCCCAGGCTCCCAGGCTCCCAGGCTCTTCACAGCCAGGCTCTTCCTTTCCCTGCTCCTCCTTGATGGGATGTTCCTTTCCCCTGCTCCTTGATGGGATGTTCCTTCC
1 21 21 21 341 361 181 721 721 961 961 141 261 381

4

4/19

100 120 140 160 200 220 220 220 220 220 320 320 320 340 340 340 440 O O N N K O A A N N K A K L H T C L M H L GSCTVVCVCRXRCVVVC HPPRICAPSADHOLLYGHH C R R R R C C L D C C C D B C CODPXVEDGPXAGG SKONSSCHAAIDSSAAASSE H G R P C L R L C L R L C L C L ирикрнагргркана L D A C L M O L M N A E A E A E A D M A D M A D K O H O E O O D E A L L A E L C O O D E T C N L D C N NOUSTARICUTARTOUSER

FIGURE 5A

13	35	60	85
13	35	60	85
25	50	72	97
M A D A Q N I S L D S P G	S V G A V A V P V V F A L I F L L G T V G N S V G A V A V P V I F A L I F L L G M V G N F G I G V G N F G L I F A M G V L G N	G L V L A V L L Q P G P S A W Q E P G S T T D L F G L V L A V L L Q P G P S A W Q E P S S T T D L F S L V I T V L A R S K P G K P R S T T N L F	I L N L A V A D L C F I L C C V P F Q A T I Y T L I L N L A V A D L C F I L C C V P F Q A A I Y T L I L N L S I A D L A Y L L F C I P F Q A T V Y A L
hGALR3	hGALR3	hGALR3	hGALR3
rGALR3	rGALR3	rGALR3	rGALR3
rGALR1	rGALR1	rGALR1	rGALR1

182 182 196

E D A R R R E D A R R R N Q L H K K

• д

P A W P A W E H W

>>3

000

. . R Y G A L E L . . R Y G A L E L F H R D S N Q T F

> YGTV YGTV YQRL

hGALR3 rGALR3 rGALR1

FIGURE 5B

$\frac{11.0}{122}$	135 135 147	160 160 171
A L V C K A V II L L I Y L T M Y A S S 11	RHPLRSRALRT 1	AVGLVWLLAALFSAPYLSY 1
A F V C K T V H L L I Y L T M Y A S S 12	RHPLRSRALRT 1	AVGLVWLLAALFSAPYLSY 1
A F I C K F I H Y F F T V S M L V S I 12	VHSRRSSSLRV 1	GVGFIWALSIAMASP.VAY 1
hGALR3 DAWLFG	hGALR3 F T L A A V	hGALR3 PRNARA
rGALR3 DAWLFG	rGALR3 F T L A A V	rGALR3 PRNARA
rGALR1 PTWVLG	rGALR1 F T L A A M	rGALR1 SRNALL

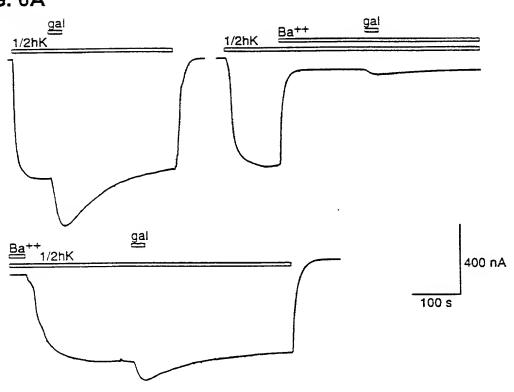
2C FIGURE

207	232	257	282
207	232	257	282
221	242	267	292
LPVAVVSLAYGRT	A A A A E A R R R A T G R	A L C W G P H H A L I L C A L C W G P H H A L I L C G I S W L P H H V I H L W	YACRLASHCLAYA
LPVAVVSLAYGRT	A A A A E A R R R A T G R		YACRLASHCLAYA
LPLLICFCYAKV	K K S E A S K K K		FFFRITAHCLAYS
A L D V A T F A A G Y L A L D V A T F A A G Y L A Y V V C T F V F G Y L	LRFLWAAVGPAG LCFLWAAVGPAG LNHLHKKLKNMS	A G R A M L A V A A L Y A G R A M L A V A A L Y T A Q T V L V V V V V F	FWYGRFAFSPAT FWYGRFAFSPAT AEFGAFPLTPAS
hGALR3	hGALR3	hGALR3	hGALR3
rGALR3	rGALR3	rGALR3	rGALR3
rGALR1	rGALR1	rGALR1	rGALR1

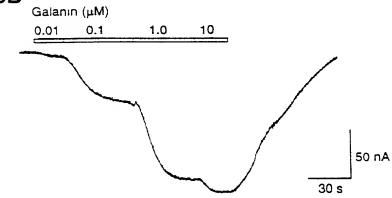
FIGURE 5D

307 307 317	329 332 342	354 350 346	
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S S S	G R R V	A A II	G
NNN	$\circ \circ \circ$	Съ	B D
hGALR3 rGALR3 rGALR1	hGALR3 rGALR3 rGALR1	hGALR3 rGALR3 rGALR1	hGALR3 rGALR3

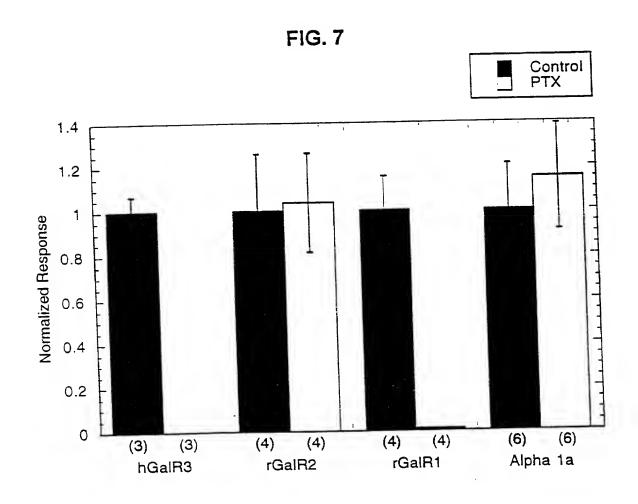
FIG. 6A











11/19

FIG. 8A

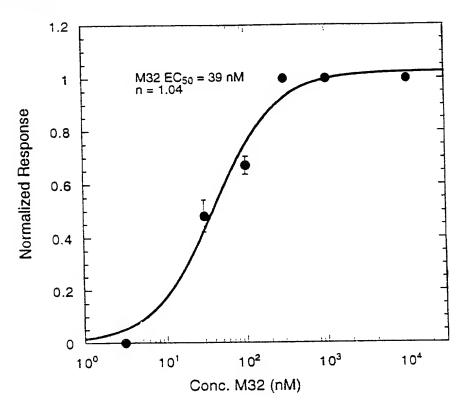
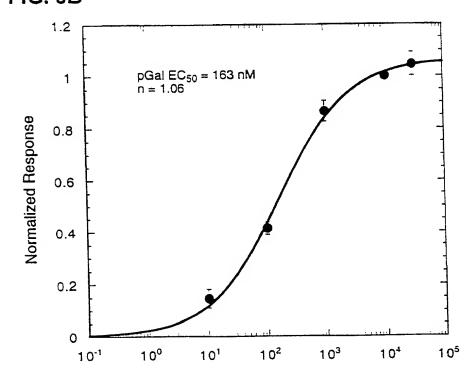
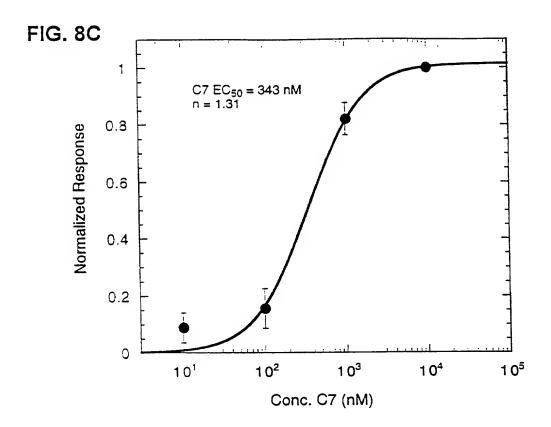
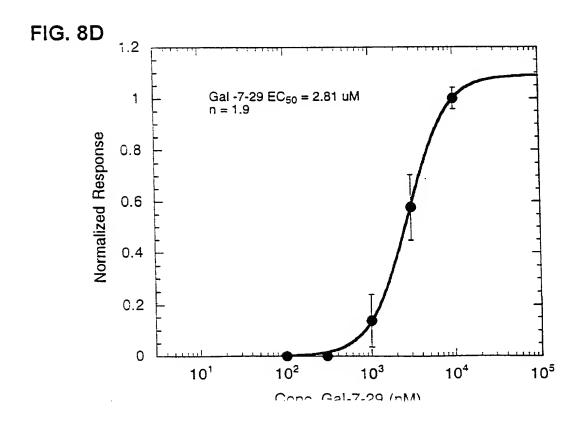
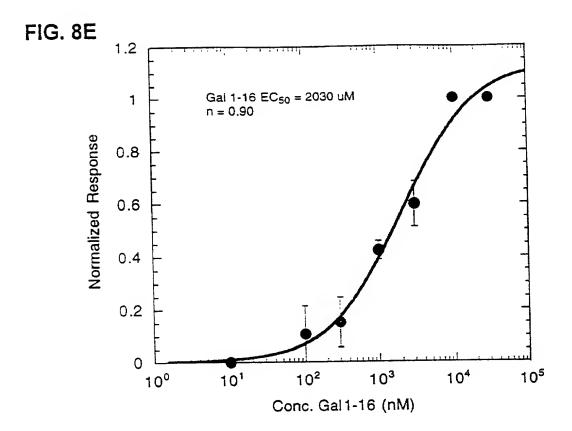


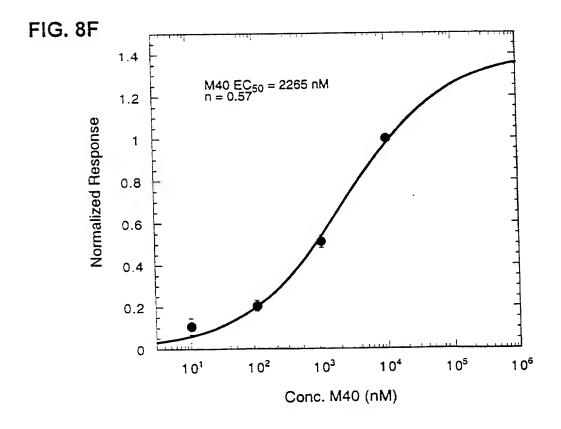
FIG. 8B

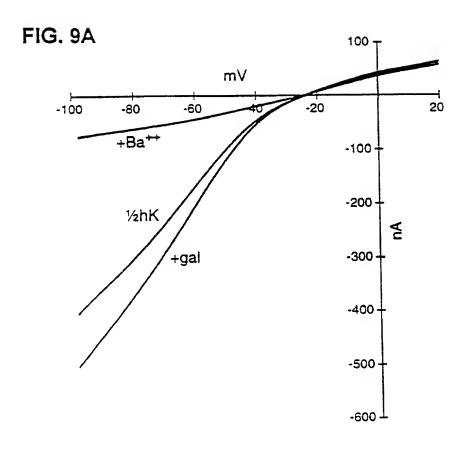


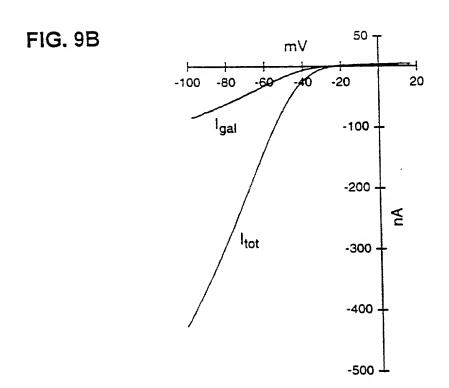
















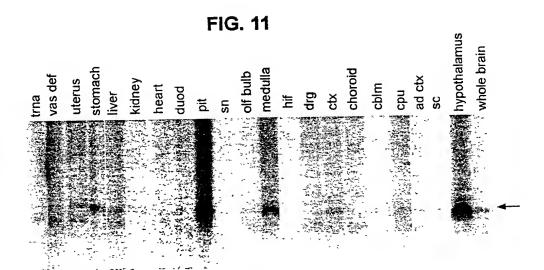


FIG. 12

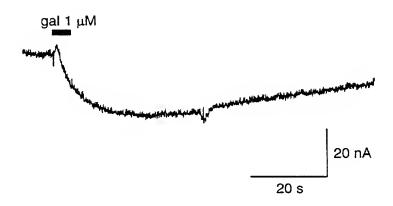


FIG. 13A

hGALR3-LM #228 +/- Pertussis Toxin



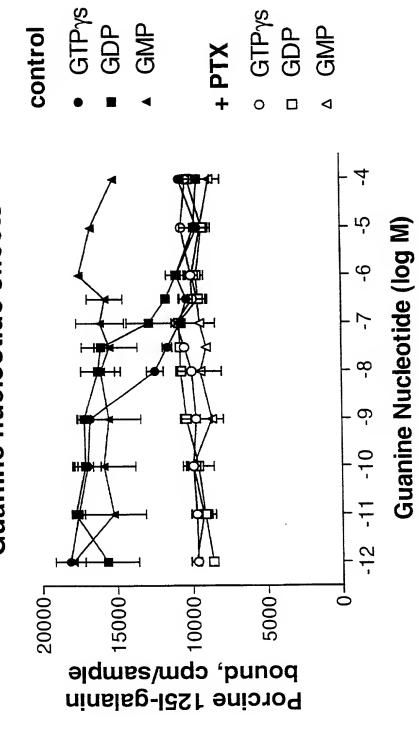


FIG. 13B Nonspecific Binding with 1 μ M p galanin

